

<b>Interview Summary</b>	Application No.	Applicant(s)	
	10/780,702	LIAO ET AL.	
	Examiner Prabodh M. Dharia	Art Unit 2629	

All participants (applicant, applicant's representative, PTO personnel):

(1) Prabodh M. Dharia.

(3) \_\_\_\_\_.

(2) Sheree Rowe.

(4) \_\_\_\_\_.

Date of Interview: 30 July 2007.

Type: a) Telephonic b) Video Conference  
c) Personal [copy given to: 1) applicant 2) applicant's representative]

Exhibit shown or demonstration conducted: d) Yes e) No.  
If Yes, brief description: None.

Claim(s) discussed: 1, 9 and 13.

Identification of prior art discussed: None.

Agreement with respect to the claims f) was reached. g) was not reached. h) N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: After lengthy discussion with applicant's representative, applicant has agreed to do examiner amendments to overcome prior art rejection and authorize examiner to do examiner amendments.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.



Examiner's signature, if required

## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

#### Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

**Facsimile****Arent Fox**

**Date:** July 30, 2007  
**Pages (including cover):** 2  
**Attorney #:** 2100  
**Client.Matter #:** 025789-00005

**Sheree Rowe**  
 Attorney  
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 rowe.sheree@arentfox.com

**PLEASE DELIVER TO:**

<b>Name/Company</b>	<b>Fax #</b>	<b>Verify #</b>
Examiner Prabodh Dharia U.S Patent and Trademark Office	571-273-7668	571-272-7668

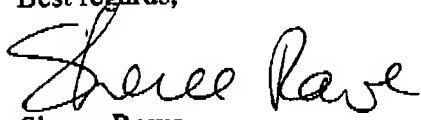
**MESSAGE/INSTRUCTIONS**

Re: U.S. Patent Application No. 10/780,702

Dear Examiner Dharia,

Thank you for contacting us regarding the above referenced application. The Applicant approves the attached amendment to be entered as an Examiner's Amendment and the withdrawal of previously approved claim 18.

Best regards,

  
Sheree Rowe

Reg. No. 59,068

Enclosure: Approved Amendment

PLEASE CALL OUR FAX OPERATOR AS SOON AS POSSIBLE IF TRANSMISSION IS NOT COMPLETE: 202.857.6119

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Thank you,  
Arent Fox LLP, 1050 Connecticut Avenue, NW / Washington, DC 20036-5339 / T 202.857.6000 / F 202.857.6395 / [www.arentfox.com](http://www.arentfox.com)

Examiner Prabodh Dharia  
July 30, 2007  
Page 2

1. (Currently Amended) A position encoded sensing device comprising:

[[a]] an LCD display panel;

a light guiding layer disposed on the display panel, wherein the light guiding layer includes:

a transparent light guiding plate disposed on a surface of the LCD display panel,  
wherein the transparent light guide layer has a width and length dimension substantially  
similar to the LCD display panel;

at least one light source disposed at one side edge of the light guiding plate; and  
wherein the light guiding plate is configured to have encoded information therein;

and

a transceiver for detecting light and the encoded information that are outputted from the light guiding layer.

**Facsimile****Arent Fox**

**Date:** July 25, 2007  
**Pages (including cover):** 4  
**Attorney #:** 2100  
**Client.Matter #:** 025789-00005

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<b>Name/Company</b>	<b>Fax #</b>	<b>Verify #</b>
Examiner Prabodh Dharia U.S Patent and Trademark Office	571-273-7668	571-272-7668

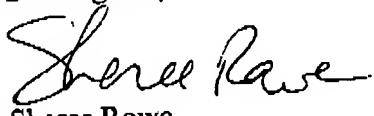
**MESSAGE/INSTRUCTIONS**

Re: U.S. Patent Application No. 10/780,702

Dear Examiner Dharia,

Thank you for contacting us regarding the above referenced application. The Applicant approves the attached amendment to be entered as an Examiner's Amendment. Please charge any additional claim fees to counsel's Deposit Account No. 01-2300, referencing docket no. 025789-00005.

Best regards,



Sheree Rowe

Reg. No. 59,068

Enclosure: Approved Amendment

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PAGE 1/4 \* RCVD AT 7/25/2007 12:42:57 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-5/13 \* DNIS:2737668 \* CSID:202 857 6395 \* DURATION (mm:ss):00:48

Application No. 10/780,702  
Attorney Docket No. 025789-00005

processing the encoded information detected by the transceiver.

13. (Currently Amended) A system for sensing a position on a display comprising:  
a display means for displaying information on [[a]] an LCD display panel;  
a positioning means for positioning a transceiver proximately to the display panel;  
an emitting means for emitting light from at least one light source disposed at a  
side edge of a transparent light guiding layer, wherein the transparent light guiding layer  
is disposed on a surface of the LCD display panel;  
a light guiding means for guiding the light with encoded information out of light  
guiding layer;  
a detecting means for detecting the light and the encoded information guided out  
of the light guiding layer at the transceiver; and  
a processing means for processing the encoded information detected by the  
transceiver.

Claim 17. (New) The position encoding sensing device according to claim 1,  
wherein the LCD display panel is rectangular.

Claim 18. (New) The position encoding sensing device according to claim 17,  
wherein the transparent light guide layer has a width and length dimension substantially  
similar to the LCD display panel.

Application No. 10/780,702  
Attorney Docket No. 025789-00005

Claim 19. <sup>18</sup> (New) The method of sensing a position on a display according to  
claim 9, wherein the LCD display panel is rectangular.

Claim 20. <sup>19</sup> (New) The method of sensing a position on a display according to  
claim 19, wherein the transparent light guide layer has a width and length dimension  
substantially similar to the LCD display panel.

Claim 21. <sup>20</sup> (New) The system for sensing a position on a display according to claim  
13, wherein the LCD display panel is rectangular.

Claim 22. <sup>21</sup> (New) The system for sensing a position on a display according to  
claim 20, wherein the transparent light guide layer has a width and length dimension  
substantially similar to the LCD display panel.

**APPROVED EXAMINER'S AMENDMENT**

1. (Currently Amended) A position encoded sensing device comprising:

[[a]] an LCD display panel;

a light guiding layer disposed on the display panel, wherein the light guiding layer includes:

a transparent light guiding plate disposed on a surface of the LCD display panel,  
at least one light source disposed at one side edge of the light guiding plate; and  
wherein the light guiding plate is configured to have encoded information therein;

and

a transceiver for detecting light and the encoded information that are outputted from the light guiding layer.

9. (Currently Amended) A method of sensing a position on a display, said method

comprising the steps of:

displaying information on [[a]] an LCD display panel;

positioning a transceiver proximately to the display panel;

emitting light from at least one light source disposed at a side edge of a light guiding layer;

guiding the light with encoded information out of a transparent light guiding layer,  
wherein the transparent light guiding layer is disposed on a surface of the LCD display  
panel;

detecting the light and the encoded information outputted from the light guiding layer at the transceiver; and